

September 20, 2004

MEMORANDUM

TO: Company Addressed
FROM: Santa Rosa County Procurement Department
SUBJECT: Contract for Debris Removal

Notice is hereby given that the Board of County Commissioners, of Santa Rosa County, Florida will receive bids from qualified contractors for the removal of storm debris resulting from Hurricane Ivan.

All bids must be delivered to the Santa Rosa County Procurement Department at 6495 Caroline Street, Milton, FL 32570, or faxed to the Santa Rosa County Procurement Department, (850) 983-1918, (850) 983-1861, (850) 983-1856, and must be received by 12:00 PM, September 23, 2004, at which time bids will be opened and read aloud. All interested parties are invited to attend.

Bids are to be clearly labeled “**Bid – Debris Removal**”. Any bid received after the time set for opening will be rejected.

Specifications and bid form may be secured from Santa Rosa County Website (www.co.santa-rosa.fl.us) or at the Santa Rosa County Procurement Department at 6495 Caroline Street, Milton, Florida, 32570. Telephone (850) 983-1833.

A pre-bid conference will be held on September 22, 2004 at 9:00 AM, at the Santa Rosa County Public Works Building, 6075 Old Bagdad Highway, Milton, Florida. Attendance at the pre-bid conference is **strongly recommended**. For directions contact Mr. Orrin Smith at (850) 983-1870.

The Board of County Commissioners Santa Rosa County reserves the right to waive irregularities in bids, to reject any and all bids with or without cause, and to award the bid that it determines to be in the best interest of Santa Rosa County.

Santa Rosa County does not discriminate on the basis of race, color, national origin, sex, religion, age, or handicap status in employment or provision of service.

**SCOPE OF WORK
CONTRACT FOR DEBRIS REMOVAL
UNIT PRICE BY CUBIC YARDS**

1.0 GENERAL.

- 1.1. The purpose of this contract is to remove, reduce and dispose of all Hurricane Ivan storm generated debris from county Rights-of-Way (ROW) and public property within Santa Rosa County. This contract is to cover handling, processing and disposal of vegetative and construction & demolition (C&D) debris from curbside to final disposal.
- 1.2 Santa Rosa County will consider a bidder's past performance in determining the best bid. Santa Rosa County in its sole judgment may exclude any bidder Santa Rosa County determines to have demonstrated unsatisfactory past performance. Such determination will be based on relevant factors including but not limited to bidder's performance on previous projects and whether a bidder has ever been suspended by a governmental body from bidding eligibility.
- 1.3 Santa Rosa County will also consider bidder's proven financial responsibility to determine bidder's ability to perform contract services. Contractor will be required to post payment and performance bonds of \$2,000,000. The contractor must be able to cover expenses associated with a major recovery operation prior to the initial payment and between subsequent payments as well as the aforementioned bonds.
- 1.3 The Contract form shall be provided by the Santa Rosa County Attorney.

2.0 SERVICES.

- 2.1 The Contractor shall provide for debris removal and disposal of all eligible debris from the county ROW and public property. The amount of debris removed and disposed after Hurricane Erin was 520,000 cubic yards of C&D debris and 750,000 cubic yards of vegetative debris. The quantities for this scope of work are unknown but are expected to be significantly greater than the Hurricane Erin amounts.
- 2.2 The vegetative debris shall be taken to an approved Temporary Debris Storage and Reduction Site (TDSRS) indicated on the attached maps, located at Howell Pit, Eglin Pit, OLF Holley, Geiger Pit, Central Landfill, Forestry Pit. All necessary permits shall be obtained by the contractor. Contractor shall be responsible for returning the TDSRS (s) to near original conditions, upon completion of reduction activities.
- 2.3 Contractor may provide alternative TDSRS (s) for vegetative debris at his / her own expense. The contractor shall provide hold harmless agreements in favor of Santa Rosa County, the State of Florida, and all agencies of the Federal Government. Environmental baseline testing must be completed, at the expense of the Contractor, before any debris is placed at the site. All necessary environmental permits must be obtained by the Contractor.
- 2.4 Construction and Demolition Debris (C&D) shall be taken to a landfill appropriately permitted for the material. C&D Debris includes, but is not limited to, plastic; glass; rubber products (excluding tires); metal products not considered salvageable; sheet rock; cloth items; and building materials.

- 2.5 Haul and Dispose. The work shall consist of clearing, separating, and removing any and all storm generated debris from the ROW of streets and roads and eligible public property. Work shall include: 1) examining and sorting debris to determine whether or not debris is eligible and to determine whether eligible debris is burnable or non-burnable; 2) loading and sorting the debris; 3) hauling the eligible debris to an approved dumpsite. Ineligible debris shall not be loaded, hauled, or dumped under this contract. The contracting officer shall be immediately notified of any ineligible debris placed at the right of way for collection. The Contractor shall make a maximum of three (3) passes with a minimum of seven days to include a weekend between each pass. The contractor shall not move from one designated work area to another designated work area without prior approval from the contracting officers representative (COR). Any eligible debris, such as fallen trees, which extend onto the ROW from private property shall be cut at the point where it enters the ROW. Only that part of the debris that lies within the ROW shall be removed. The Contractor shall not enter onto private property during the performance of this contract.
- 2.6 Contractors shall note that a portion of the project will occur in residential areas. The contractors should exercise due care to minimize any damages to trees, shrubs, landscaping and general property. The contractor shall repair any damages caused by the contractor's equipment in a timely manner. The debris work area shall be left clear of debris and clean, as reasonably and practical under the conditions of this project.
- 2.7 The contractor shall use equipment and perform work in a manner to prevent damages to COR's infrastructure facilities and adjacent ROWs, including all landscaped areas. No tracked equipment shall be allowed in residential areas. All loading equipment shall be required to operate from the street/road using buckets and/or boom and grapple devices to remove and load the debris.
- 2.8 The Contractor shall conduct the work so as not to interfere with the disaster response and recovery activities of federal, state, and local governments or agencies, or of any public utilities
- 2.9 The government reserves the right to inspect the site, verify quantities and review operations at any time
- 2.10 All work shall be accomplished in a safe manner in accordance with OSHA Safety Standards.
- 2.11 Debris may be reduced by mechanical means using chippers, grinders, or shredders if approved by the COR. The storage area and processing area for the debris reduction operation shall be designated by the COR based upon the site opportunities and constraints. The size of the debris pile allowed at the designated location shall be specified prior to the start of debris reduction.
- 2.12 Debris reduction by burning. Debris may be reduced by incineration using air curtain incinerators as specified by the COR. There is no industrial standard for Air Curtain Burning. Air curtains are widely used in many areas. If an excavated pit is used, contractor shall dig a pit 8ft to 9ft wide, and 14 ft deep with an impervious bottom layer of clay at least 1ft. deep. Ends sealed to a height of 4ft. Seal nozzle end with 12 inches of dirt. Warning stops at least 1ft high. Airflow should be 2ft. below the top edge of the pit. Ensure minimum nozzle velocity of 8,800 ft/min (100mph) and volume of 900 cf/min/linear ft. Pit no longer than the

length of the blower nozzle. Burn pits must be set back a minimum of 100ft. from debris pile. Safety distance of at least 1,000 ft. Extinguish fire 2 hours before removing ash. **It is anticipated all vegetative debris shall be reduced by incineration.** The contractor shall be responsible for all costs associated with the final disposal of non-burnable debris and ash residue. Disposal of non-burnable debris and ash residue shall be made in accordance with current State, Federal, and local regulations.

- 2.13 Hazardous Toxic Waste (HTW). Hazardous materials, toxic materials or waste such as petroleum products, paint products, asbestos, electrical transformers, tires and known or suspected hazardous materials shall be removed by others. Hazardous debris removal is not the responsibility of the Contractor.

3.0 LOAD TICKETS.

- 3.1 Load Tickets shall be used for recording the cubic yard volume of debris removed for disposal. A copy of the load ticket to be used by the contractor shall be submitted for COR approval prior to beginning work.
- 3.2 Each ticket shall contain the following information:
1. Ticket Number
 2. Contract Number
 3. Date
 4. Contractor Name
 5. Truck or Roll-off Number
 6. Truck Capacity
 7. Point of Debris Collection and applicable county / municipality
 8. Loading Departure Time
 9. Dump Arrival Time
 10. Percent of Load
 11. Actual Debris Volume
 12. Debris Eligibility (Y/N)
- 3.3 A minimum four-part load ticket shall be issued by a COR monitor prior to transport of the debris from the loading site(or upon arriving at the dumpsite). The entire four-part load ticket is given to the vehicle operator. Upon arrival at the dumpsite, the vehicle operator shall give the entire four-part load ticket to the COR monitor. The COR monitor shall verify the hauler and equipment and establish a percent of truck capacity of the eligible cubic yardage of debris load. After documenting percentage, the COR monitor will calculate the actual cubic yardage of the load, to the nearest .10 yard. The COR monitor will document his data on the load ticket. The COR monitor will detach one copy of the load ticket and give that one copy to the vehicle operator. One copy is then given to the contractor, one copy is given to FEMA and the original is kept by the COR. The load tickets shall be submitted with the daily report.

4.0 DEBRIS CLASSIFICATION.

- 4.1 Eligible Debris. Eligible debris is considered all storm related debris which is located within the public rights of way, public school grounds and developed areas of public parks. Debris that is within the scope of this contract includes, but is not limited to, damaged and disturbed trees, bushes and shrubs, broken, partially broken and severed tree limbs, uprooted stumps and brush.

5.0 PERFORMANCE SCHEDULE.

- 5.1 The Contractor shall commence performance within twenty-four (24) hours of receipt of notice to proceed.
- 5.2 Prior to commencing debris removal operations a contractor shall, with the COR's direction, provide a work plan showing where operations will begin and which streets/roads will be cleared on a 7 and 14 day projection. The plan shall be updated every Monday.
- 5.3 All activity associated with debris loading and hauling in public areas shall be performed during visible daylight hours only. The Contractor shall manage dumpsite operations to coincide with hauling operation during daylight hours, 7 days per week. Management and execution of burning operations shall be 24 hours per day, 7 days per week, unless directed otherwise by the Contracting Officer
- 5.4 Santa Rosa County desires the time for completion of all work shall be **90** calendar days from the notice to proceed, unless the COR initiates additions or deletions to the contract by written change orders. Ability to meet this time frame will be considered in awarding this contract. Subsequent changes in completion time will be equitably negotiated by both parties pursuant to applicable county, state and federal law.

6.0 EQUIPMENT.

- 6.1 All trucks and other equipment must be in compliance with all applicable federal, state, and local rules and regulations. Any truck used to haul debris must be mechanically loaded by an appropriately sized front end loader, backhoe or other approved and appropriate mechanical equipment. Additionally, the truck or trailer must dump hydraulically and be controlled from the cab of the vehicle and capable of rapidly dumping its load without the assistance of other equipment. Sideboards or other extensions to the bed are allowable provided they meet all applicable rules and regulations, cover the front and both sides, and are constructed in a manner to withstand severe operating conditions. The sideboards are to be constructed of 2" by 6" boards or greater and not to extend more than two feet above the metal bedsides. All extensions are subject to acceptance or rejection by the COR. All trailers must have a metal-framed exterior and a minimum of 5/8" plywood (not wafer board) interior walls. All equipment used to haul debris must be equipped with a tailgate that shall effectively contain the debris during transport and permit the truck to be filled to capacity. All hauling equipment must be measured and marked for its load capacity. Hauling equipment shall be marked using adhesive placards applied to the operator side of the hauling compartment. The placard must be marked in permanent ink indicating measured volume, truck number, prime contractor and date of last compartment measurement.
- 6.2 All equipment shall be inspected by the Contractor prior to use to ensure it meets the standards set forth in this contract. The COR will provide a form for this purpose. The COR reserves the right to disallow the use of any equipment or trucks he / she feels inappropriate for this contract.

- 6.3 Prior to commencing debris removal operations, the Contractor shall present to the COR all trucks, trailers, or containers that will be used for hauling debris. Each truck or trailer shall be measured to determine the load capacity. Each truck or trailer shall be numbered and clearly display the load capacity for identification with a permanent marking. The COR may, at any time, request that the trucks be re-measured. The Contractor shall notify the COR each time a new truck, trailer or container is to be used under this contract. No capacity can exceed 100% of the measured volume.
- 6.4 Trucks or equipment, which are designated for use under this contract, shall not be used for any other work during the working hours of this contract. The Contractor shall not solicit work from private citizens or others to be performed in the designated work area during the period of this contract. Under no circumstances shall the Contractor mix debris hauled for others with debris hauled under this contract.
- 6.5 Loading equipment used under this contract shall be rubber tired and sized properly to fit loading conditions. Excessive size loading equipment (6 CY and up) and non-rubber tired equipment must be approved by the COR.
- 6.6 The contractor shall provide a roofed inspection tower at the dumpsite. This tower must be constructed such that the COR monitor can easily look down into the bed to fully view the debris load, establishing a volume. The inspection tower must be constructed to meet all local, state, federal requirements and comfortably accommodate 3 adults. The contractor may provide a mechanical lift with roof cover to be used in place of the constructed tower. The contractor shall provide portable restroom facilities at all dumpsites.

7.0 REPORTING.

- 7.1 The Contractor shall submit a report to the COR during each day of the term of the contract. Each report shall contain, at a minimum, the following information:
1. Contractor's Name
 2. Contract Number
 3. Crew
 4. Location of work
 5. Day of Report
 6. Daily and cumulative totals of debris removed, by category
- 7.2 Discrepancies between the daily report and the corresponding weigh tickets shall be reconciled no later than the following day.

8.0 OTHER CONSIDERATIONS.

- 8.1 The Contractor shall supervise and direct the work, using skillful labor and proper equipment for all tasks. The Contractor shall have a competent Operations Manager on site during the entire period of work under this contract. The Operations Manager shall have the authority to represent the Company and be available to the COR or other county personnel assigned operational responsibility. Safety of the Contractor's personnel and equipment is the responsibility of the Contractor. Additionally, the Contractor shall pay for all materials, personnel, taxes, and fees necessary to perform under the terms of this contract.

- 8.2 The Contractor must possess all license required in accordance with the state and county's statutory requirements to perform the work.
- 8.3 The Contractor shall be responsible for taking corrective action in response to any notices of violations issued as a result of the Contractors or any subcontractors' actions or operations during the performance of this contract. Corrections for any such violations shall be at no additional cost to the COR.
- 8.4 The Contractor shall be responsible for control of pedestrian and vehicular traffic in the work area. The Contractor shall provide all flag persons, signs, equipment, and other devices necessary to meet federal, state, and local requirements. The traffic control personnel and equipment shall be in addition to the personnel and equipment required in other parts of this contract. At a minimum, one flag person should be posted at each approach to the work area. Work shall be accomplished in a safe manner in accordance with OSHA Safety Standards.
- 8.5 The COR is responsible for obtaining all applicable environmental and regulatory permits prior to the contractor commencing operations.
- 8.6 In order to assist in the economic recovery of the effected region and to enhance the reliable provision of service, Santa Rosa County strongly prefers that personnel, equipment, and resources from the effected region be utilized in the work for this contract. Every proposal shall include a detailed plan for utilizing said resources. A contractor's ability to effectively utilize said resources will be strongly considered in this selection.
- 8.7 Contractor shall be solely responsible for complying with all applicable federal, state and local laws, rules and regulations for all work performed pursuant to the contract; including but not limited to collection and disposal of debris. Contractor will submit in its proposal its plan for debris collection and disposal.

9.0 FINAL DISPOSITION

- 9.1 NOTE: The method of final disposal shall be determined by the COR. Debris may be chipped, burnt, or otherwise disposed of as determined by the COR.

10.0 MEASUREMENT.

- 10.1 Measurement for all debris removed will be by the cubic yard as determined by the eligible debris delivered to dumpsite, as supported by the load ticket (see clause **3.0 Load Tickets**). Measurement shall be documented on load tickets. Payment for work under this contract shall be based solely on Volume from completely executed load tickets endorsed by the County as eligible debris and noting actual volume at the appropriate disposal site.

11.0 PAYMENT.

- 11.1 Payment for work completed may be invoiced on a bi-weekly basis. Invoices will be based on verified quantities from the daily operational reports.

12.0 OTHER CONTRACTS.

- 12.1 The Government reserves the right to issue other contracts or direct other contractors to work within the area included in this contract.

13.0 ENCLOSURES/ATTACHMENTS.

13.1 Daily Report- (By Cubic Yard or By Ton)

13.2 Sample Load Ticket

13.3 Sample Truck Placard

13.4 Truck Measurement Form

13.5 Temporary Debris Storage and Reduction Site Location Maps

13.1 DAILY HAUL RECORD

CONTRACT NO. _____

DAILY REPORT						
CONTRACTOR: CONTRACT NO:					DATE OF REPORT:	
Truck No.		Tare	Landfill trips	Tonnage Totals		
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
			DAILY TOTALS			

DAILY HAUL RECORD

[illegible]

ATTACHMENT

SAMPLE LOAD TICKET

LOAD TICKET		
TICKET NUMBER:		
CONTRACT NUMBER		
CONTRACTOR		
DATE:		
DEBRIS QUANTITY		
Truck No:	Capacity (CY):	
Load Size (CY):	Tons:	
Truck Driver:		
DEBRIS CLASSIFICATION		
	Burnable	
	Non-Burnable	
	Mixed	
	Other	
LOCATION		
Name of County or City		
Section/Area:	Dumpsite	
	Time	Inspector
Loading		
Dumping		
Eligibility (Y/N):	Original: [County] [City] [State] Yellow: Contractor Pink: Driver Gold: FEMA	

TRUCK MEASUREMENT FORM

TRUCK MAKE _____ YEAR _____ BOB [] TRAILER [] STATE LICENSE _____ COLOR _____

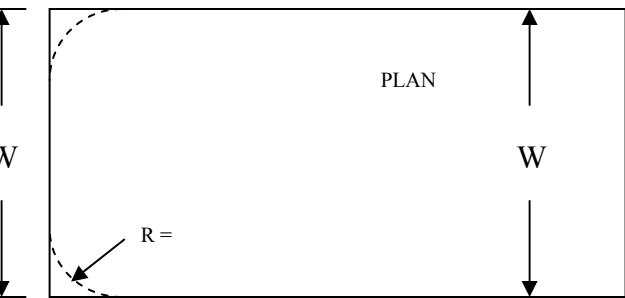
TRAILER MAKE _____ STATE LICENSE _____ COLOR _____

MEASURED BY _____ DATE _____ DRIVER'S NAME _____

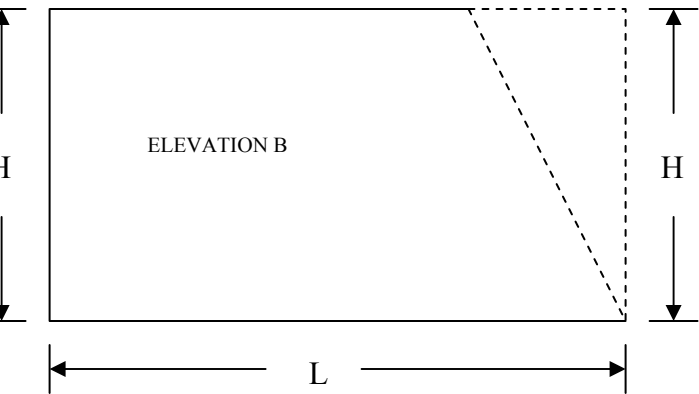
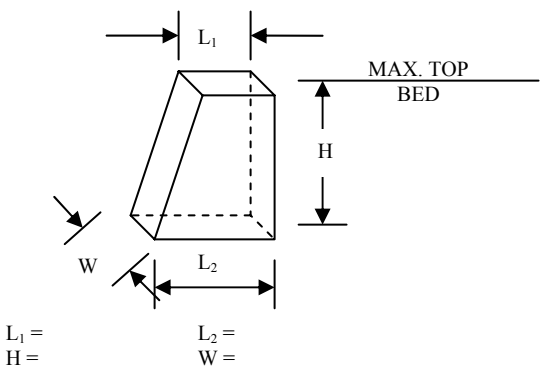
CALCULATED BY _____ DATE _____ OWNER'S NAME _____

CHECKED BY _____ DATE _____ OWNER'S ADDRESS _____

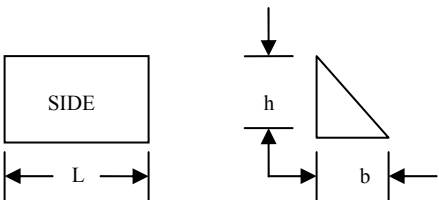
Width measurements to tenths



All measurements to hundredths



Triangle in bottom of bed (L = Total Length of Triangles for Sides & Front as applicable)



L1 = h = b =

All measurements to hundredth

Height measurements to hundredths
Length measured to tenths

and to hundredths after each step.

D VOLUME: (LWH)

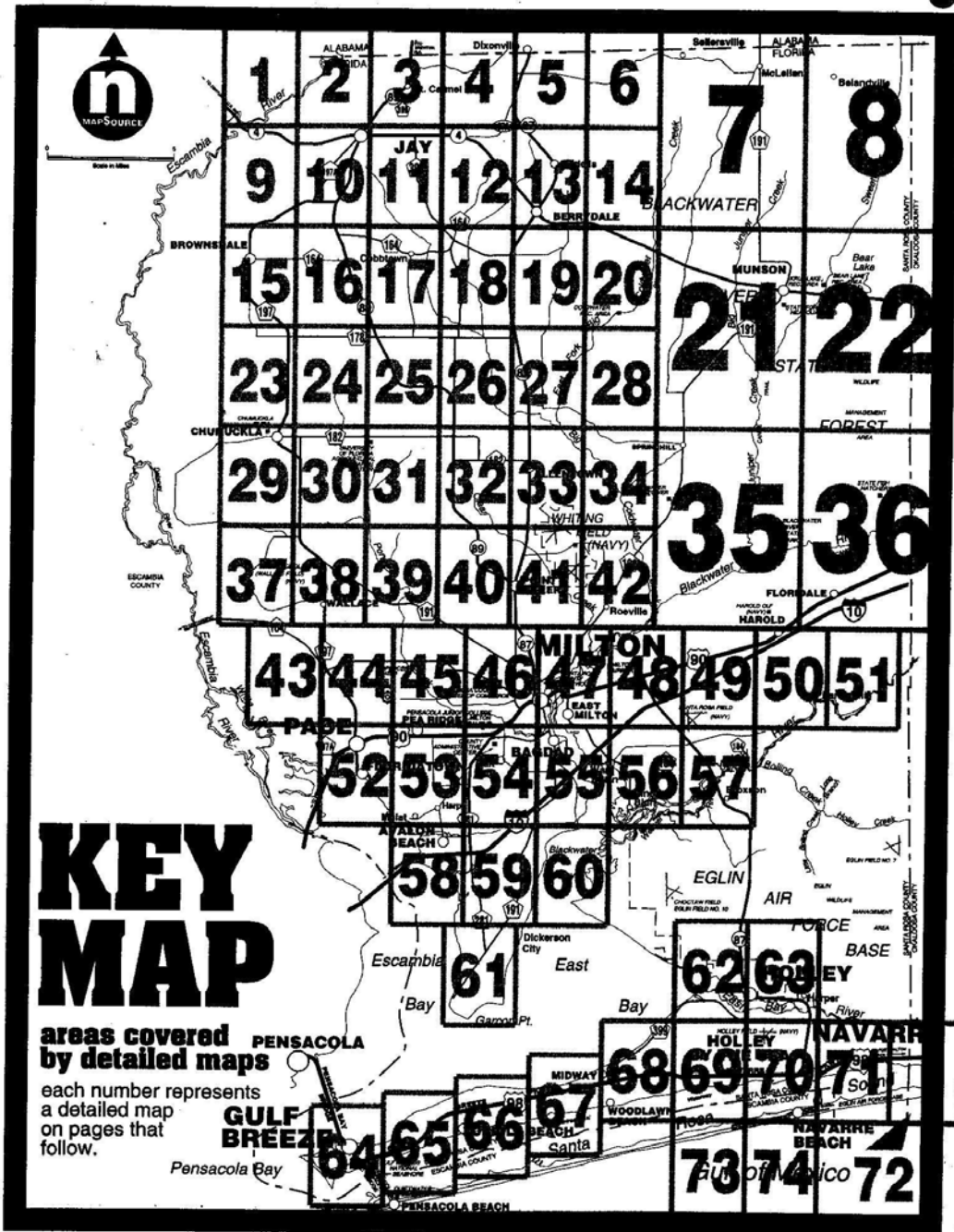
DIUS:

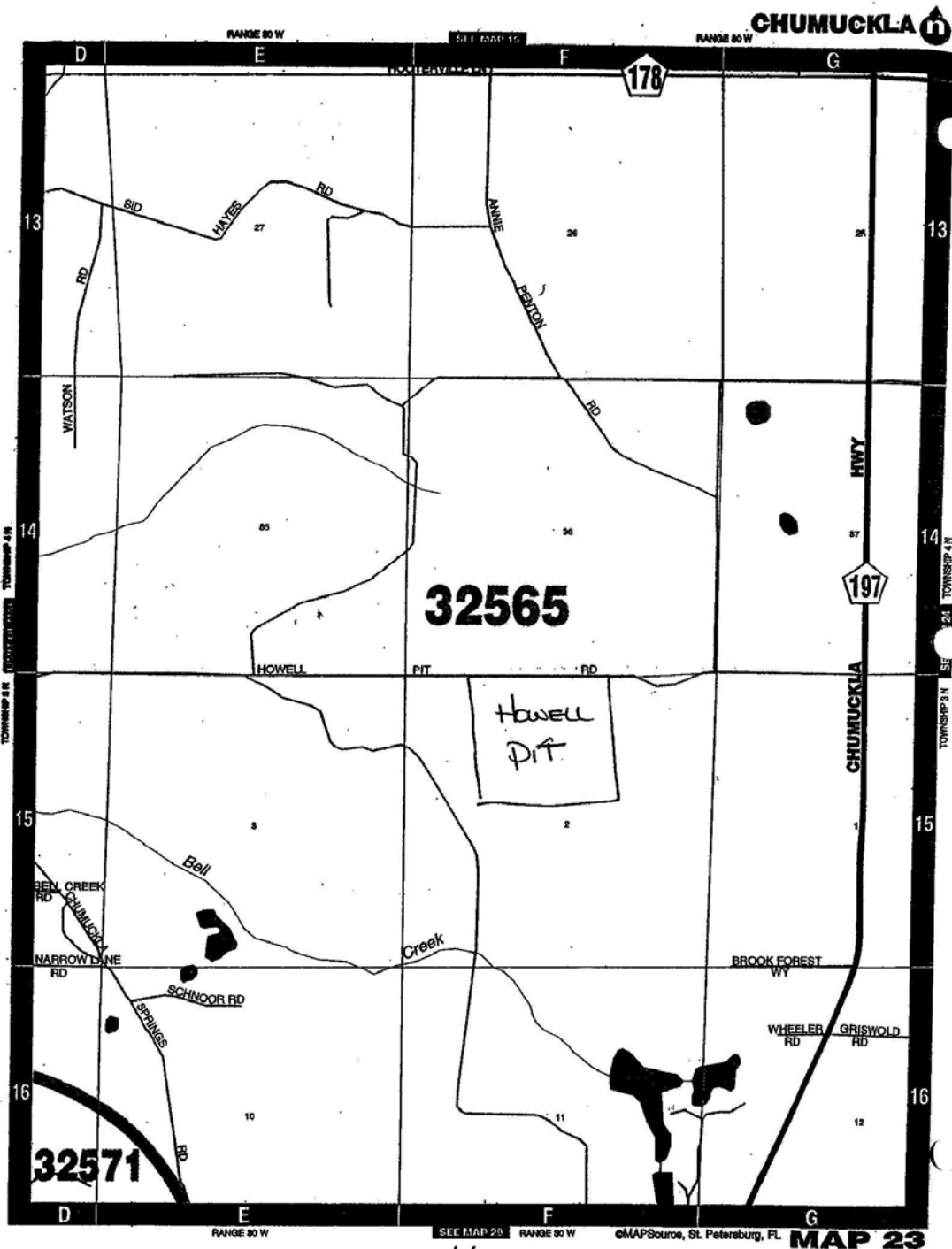
IST: $\frac{(L_1 + L_2)}{2}(WH)$

ANGLES: $\frac{bh}{2}(L)$

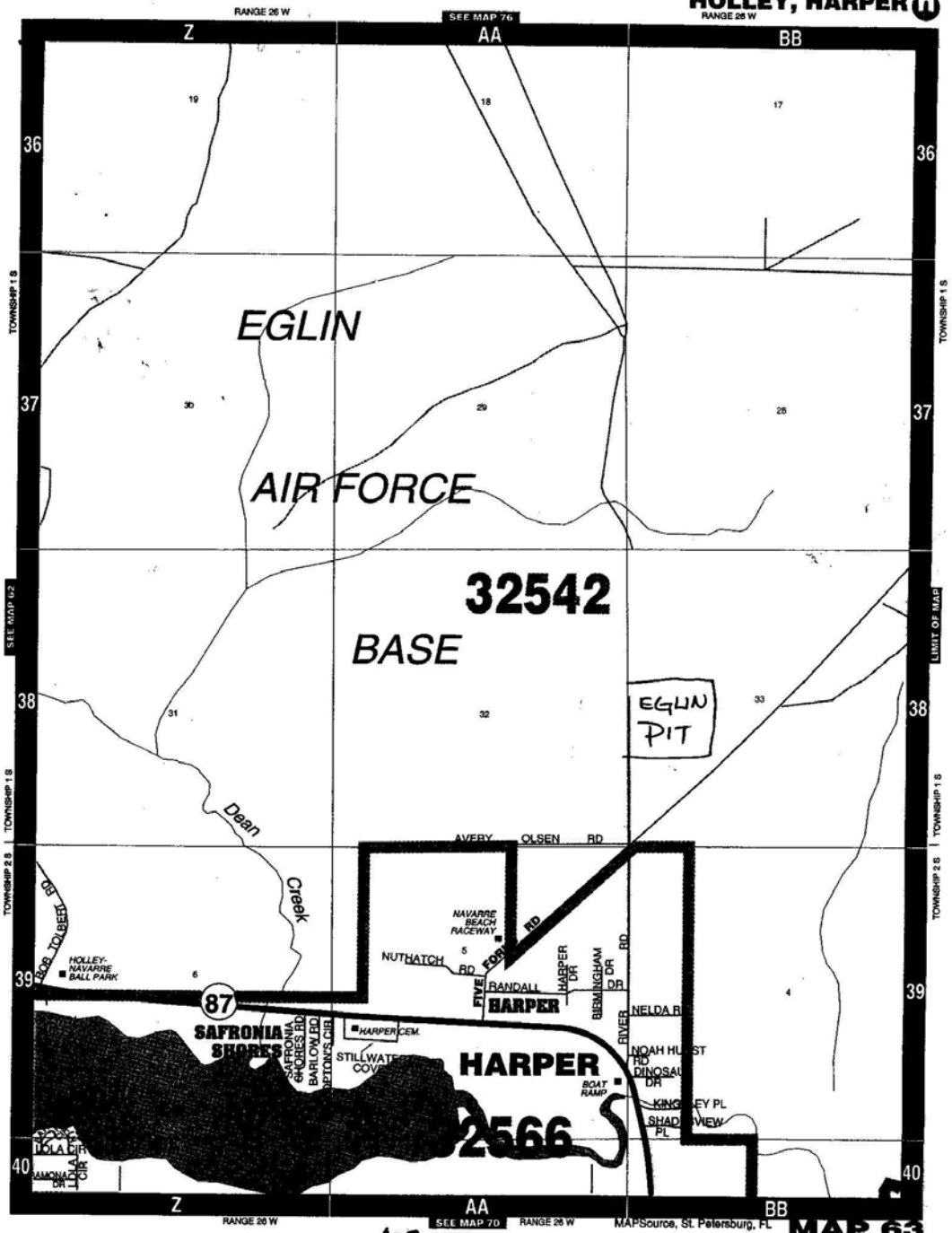
_____ = + _____
_____ = - _____
_____ = - _____
_____ = - _____

KEY MAP 1



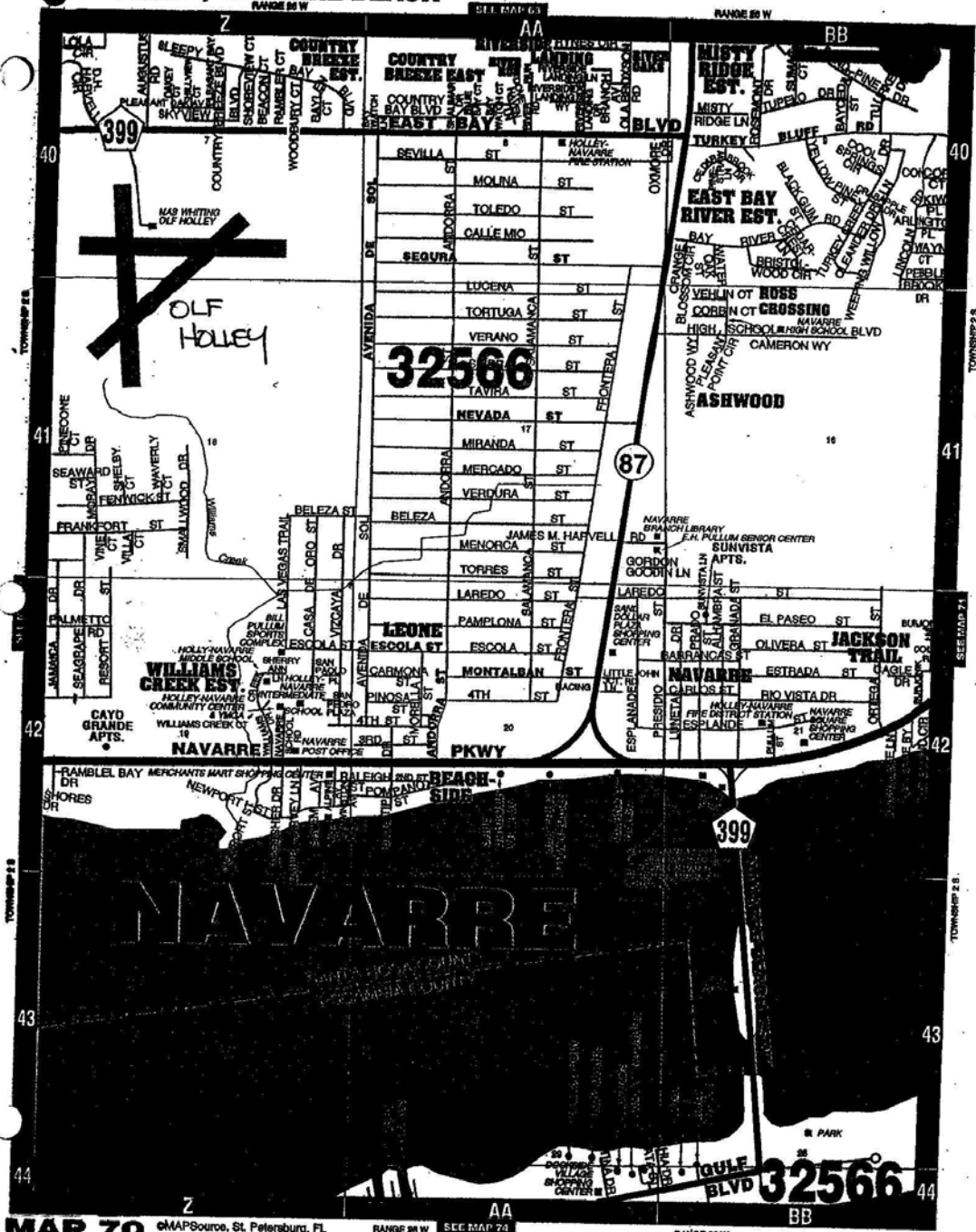


HOLLEY, HARPER

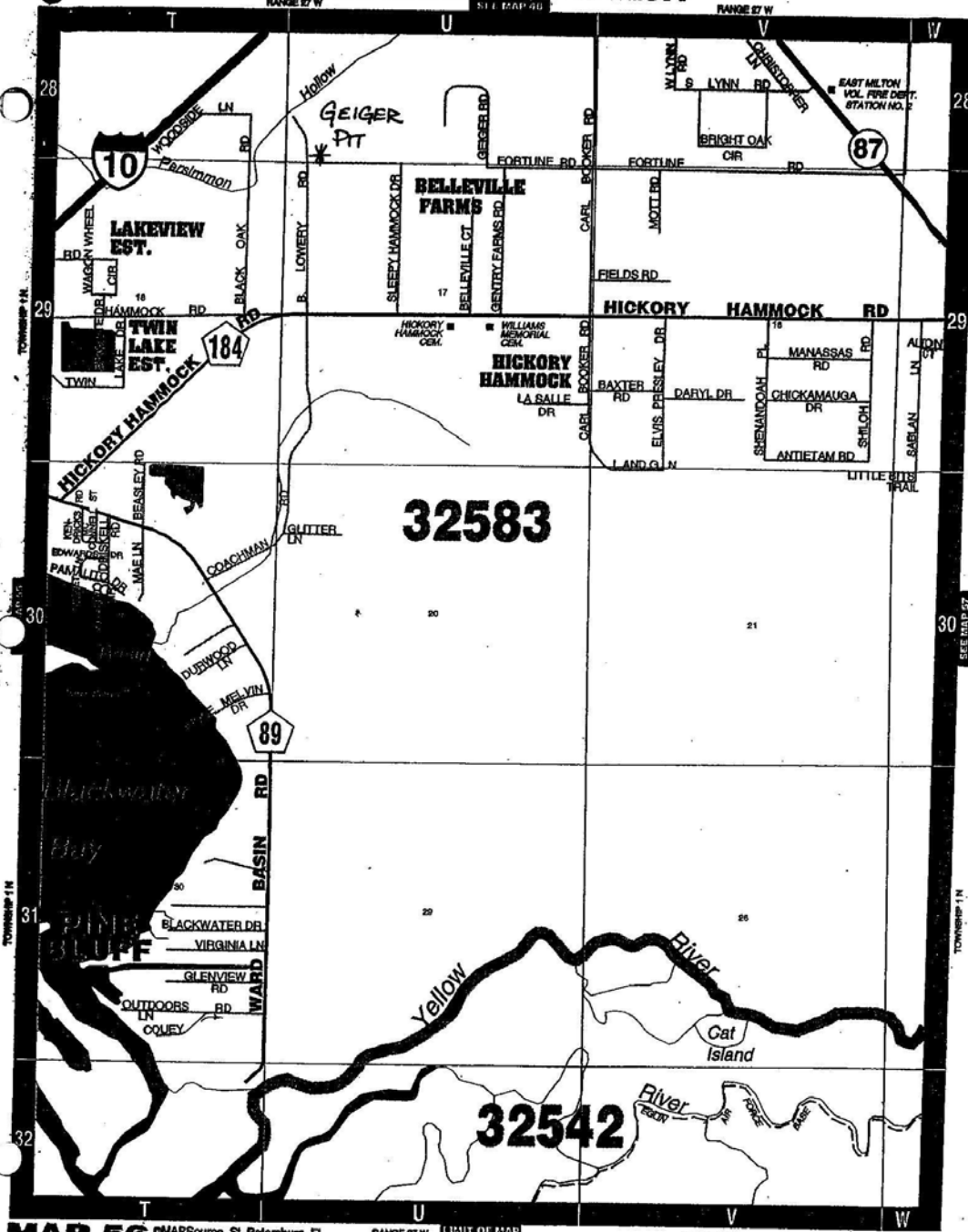


17

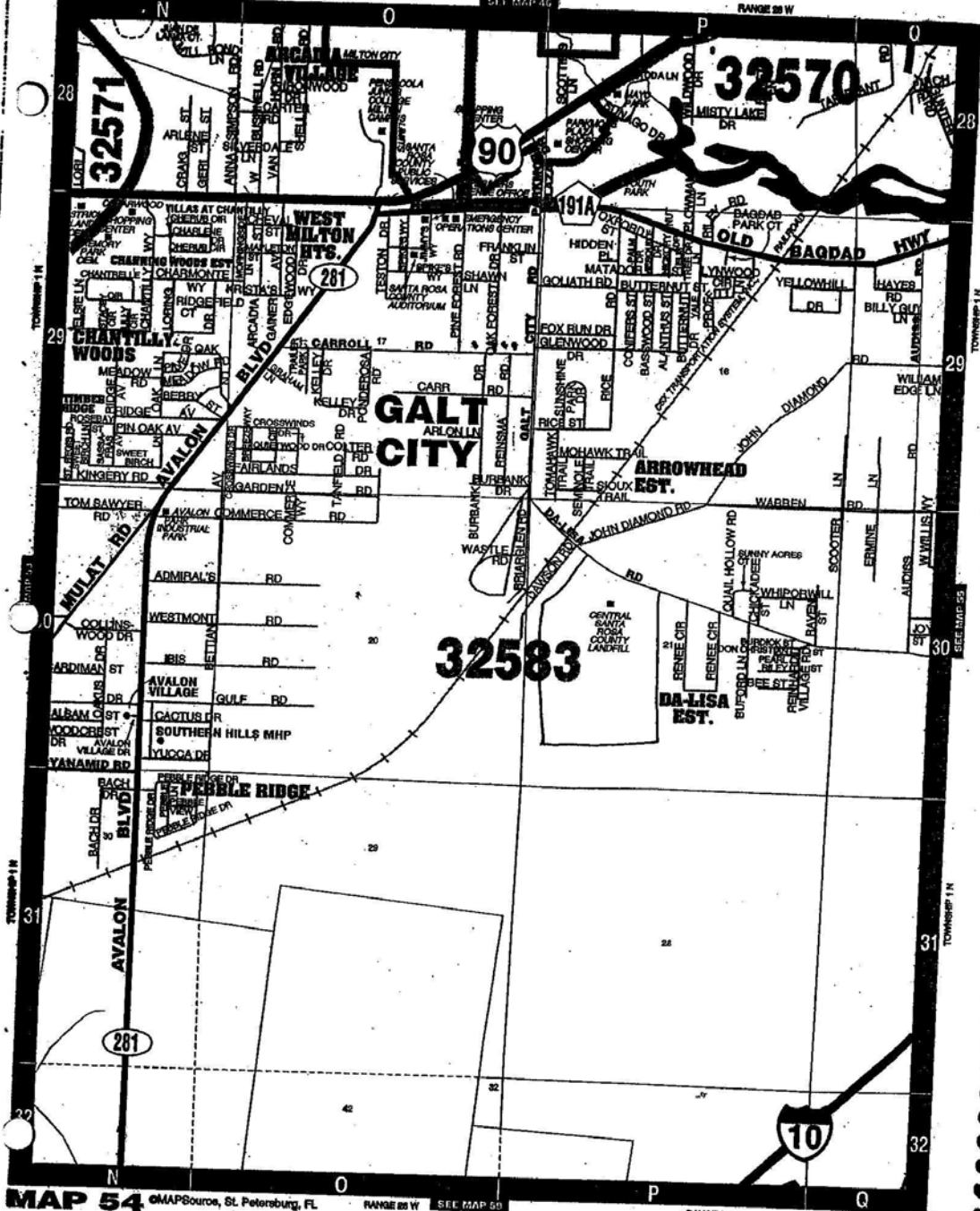
NAVARRE, NAVARRE BEACH



11 WARD BASIN, HICKORY HAMMOCK, PINE BLUFF



GALT CITY, AVALON, WEST MILTON



Company Name: _____
 Address: _____

ITEM	DESCRIPTION	UNITS	UNIT PRICE
001.	Mobilization and Demobilization	Lump Sum	
002.	Load Vegetative Debris from public ROWs and Haul to Temporary Debris Storage and Reduction Sites (0 to 15 miles)	Cubic Yard	
003.	Load Vegetative Debris from public ROWs and Haul to Temporary Debris Storage and Reduction Sites (15.1 to 30 miles)	Cubic Yard	
004.	Removal and Disposal of Construction & Demolition Debris (C&D) in a Class I Landfill	Cubic Yard	
005.	Removal and Disposal of Construction & Demolition Debris (C&D) in a Class III Landfill	Cubic Yard	
006.	Provide Site Management for the Temporary Debris Storage and Reductions Sites, Reduce Vegetative Debris by Incineration, Dispose of all Ash, residual debris, and restore the site.	Cubic Yard	
007.	Provide Site Management for the Temporary Debris Storage and Reductions Sites, Reduce Vegetative Debris by Grinding, Dispose of all Ground Material, residual debris, and restore the site.	Each	
008.	Remove, haul and Disposal of Stumps - 26 to 36 inch	Each	
009.	Remove, haul and Disposal of Stumps - 37 to 48 inch	Each	
010.	Remove, haul and Disposal of Stumps - 49 inch and larger	Each	

PROPOSED COMPLETION TIME: _____ **(Liquidated Damages of \$10,000/ day will be assessed for delay beyond proposed completion time.)**

Representative Name: _____

Telephone Number: _____

Notes to Bid Schedule:

“**miles**” noted in this bid schedule are based on actual road miles from the point of pickup to point of final disposal using the most direct route (shortest distance not necessarily the quickest in time).

Measurement of stumps is diameter in inches at a height of 24 inches above original ground level. Backfill of stump holes shall be accomplished by others.

Unit price for C&D shall include all costs for disposal including, but not limited to, tipping fees.

ATTACHMENT
SAMPLE TRUCK PLACARD

Company Name

Truck Number

Cubic Yards

Inspected by and Date

14 INSURANCE

INSURANCE REQUIREMENTS

- (1) THE CONTRACTOR SHALL OBTAIN AND MAINTAIN SUCH INSURANCE AS WILL PROTECT IT FROM: (1) CLAIMS UNDER WORKER'S COMPENSATION LAWS, DISABILITY BENEFIT LAWS, OR OTHER SIMILAR EMPLOYEE BENEFIT LAWS; (2) CLAIMS FOR DAMAGES BECAUSE OF BODILY INJURY, OCCUPATIONAL SICKNESS OR DISEASE OR DEATH OF HIS EMPLOYEES INCLUDING CLAIMS INSURED BY USUAL PERSONAL INJURY LIABILITY COVERAGE; (3) CLAIMS FOR DAMAGES BECAUSE OF BODILY INJURY, SICKNESS OR DISEASE, OR DEATH OF ANY PERSON OTHER THAN HIS EMPLOYEES INCLUDING CLAIMS INSURED BY USUAL PERSONAL INJURY LIABILITY COVERAGE; AND (4) FROM CLAIMS FOR INJURY TO OR DESTRUCTION OF TANGIBLE PROPERTY INCLUDING LOSS OR USE RESULTING THEREFROM - - ANY OR ALL OF WHICH CLAIMS MAY ARISE OUT OF, OR RESULT FROM, THE SERVICES, WORK AND OPERATIONS CARRIED OUT PURSUANT TO AND UNDER THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, WHETHER SUCH SERVICES, WORK AND OPERATIONS BE BY THE CONTRACTOR, ITS EMPLOYEES, OR BY SUBCONTRACTOR(S), OR ANYONE EMPLOYED BY OR UNDER THE SUPERVISION OF ANY OF THEM, OR FOR WHOSE ACTS ANY OF THEM MAY BE LEGALLY LIABLE.
- (2) THIS INSURANCE SHALL BE OBTAINED AND WRITTEN FOR NOT LESS THAN THE LIMITS OF LIABILITY SPECIFIED HEREINAFTER, OR AS REQUIRED BY LAW, WHICHEVER IS GREATER.
- (3) THE CONTRACTOR SHALL REQUIRE, AND SHALL BE RESPONSIBLE FOR ASSURING THROUGHOUT THE TIME THE AGREEMENT IS IN EFFECT, THAT ANY AND ALL OF ITS SUBCONTRACTORS OBTAIN AND MAINTAIN UNTIL THE COMPLETION OF THAT SUBCONTRACTOR'S WORK, SUCH OF THE INSURANCE COVERAGES DESCRIBED HEREIN AS ARE REQUIRED BY LAW TO BE PROVIDED ON BEHALF OF THEIR EMPLOYEES AND OTHERS.
- (4) THE CONTRACTOR SHALL REQUIRE THE INSURANCE AGENT/BROKER TO PROVIDE REPLACEMENT CERTIFICATES OF INSURANCE ON A TIMELY BASIS, PREFERABLY NO LATER THAN FIVE (5) DAYS PRIOR TO POLICY TERMINATION.
- (5) THE CONTRACTOR SHALL OBTAIN AND MAINTAIN THE FOLLOWING INSURANCE COVERAGES AS PROVIDED HEREIN BEFORE, AND IN THE TYPE, AMOUNTS AND IN CONFORMANCE WITH THE FOLLOWING MINIMUM REQUIREMENTS:
 - A. FLORIDA STATUTORY WORKERS' COMPENSATION AND EMPLOYERS LIABILITY WITH MINIMUM LIMITS OF \$500,000, WHETHER REQUIRED BY CHAPTER 440, FLORIDA STATUTES OR NOT. IN ADDITION, COVERAGE UNDER THE U. S. LONGSHOREMEN & HARBOR WORKERS' AND JONES ACT, MAY BE REQUIRED COVERAGES BY LAW OR REGULATION FOR THE WORK SPECIFIED IN THIS CONTRACT. CONTRACTOR AND SUBCONTRACTORS MAY PROVIDE A VALID CERTIFICATE OF EXEMPTION ISSUED BY THE STATE OF FLORIDA IN LIEU OF WORKERS' COMPENSATION INSURANCE COVERAGE.
 - B. COMMERCIAL GENERAL LIABILITY WITH MINIMUM COMBINED SINGLE LIMITS OF \$1,000,000, INCLUDING COVERAGE PARTS OF BODILY INJURY, BROAD FORM PROPERTY DAMAGE, PERSONAL INJURY, INDEPENDENT CONTRACTORS, BLANKET CONTRACTUAL LIABILITY AND PRODUCTS AND COMPLETED OPERATIONS. THE

EXCLUSION FOR UNDERGROUND DAMAGE, EXPLOSION AND COLLAPSE SHALL BE REMOVED THROUGH A POLICY ENDORSEMENT. THE COMMERCIAL GENERAL LIABILITY POLICY'S TOTAL POLLUTION EXCLUSION SHALL BE REMOVED BY ENDORSEMENT. COMPLETED OPERATIONS AND PRODUCTS LIABILITY SHALL BE MAINTAINED FOR A PERIOD OF TWO (2) YEARS AFTER FINAL PAYMENT.

C. AUTOMOBILE LIABILITY WITH MINIMUM COMBINED SINGLE LIMITS OF \$1,000,000 FOR ALL HIRED, OWNED AND NON-OWNED VEHICLES. THE AUTOMOBILE LIABILITY POLICY'S TOTAL POLLUTION EXCLUSION SHALL BE REMOVED BY ENDORSEMENT.

D. EXCESS OR UMBRELLA LIABILITY WITH MINIMUM LIMITS OF \$2,000,000 WHICH ARE NO MORE RESTRICTIVE THAN THE UNDERLYING LIMITS. UMBRELLA COVERAGE SHALL DROP DOWN TO PROVIDE COVERAGE WHERE THE UNDERLYING LIMITS ARE EXHAUSTED. THE UMBRELLA POLICY SHALL MIRROR THE COMMERCIAL GENERAL AND AUTOMOBILE POLICIES' COVERAGE WITH RESPECT TO REMOVAL OF THE TOTAL POLLUTION EXCLUSION.

E. PROFESSIONAL LIABILITY INSURANCE WITH MINIMUM LIMITS OF \$500,000 FOR ENGINEERS AND ARCHITECTS EMPLOYED BY THE CONTRACTOR, IF ANY.

F. BUILDERS RISK INSURANCE UNDERWRITTEN ON THE "ALL RISKS OF PHYSICAL LOSS" BASIS FOR REPLACEMENT COST FOR THE FULL VALUE OF THE COMPLETED PROJECT TO COVER THE OWNER AND CONTRACTOR AS THEIR INTEREST MAY APPEAR. AN INSTALLATION FLOATER MAY BE AN ALTERNATIVE IF APPROPRIATE TO THIS SPECIFIC CONTRACT.

G. CONTRACTOR SHALL PROCURE AND FURNISH OWNER'S PROTECTION LIABILITY INSURANCE POLICY NAMING SANTA ROSA COUNTY WITH THE FOLLOWING LIMITS:

1. \$1,000,000 PER OCCURRENCE.
2. \$2,000,000 AGGREGATE.